

76003

Cruise Report
Tug WHITEFOOT
February 21-28, 1976
U.S. Geological Survey

Brad Butman, USGS.

Ship: Tug WHITEFOOT

Cruise Number: N/A

Area of Operation: Middle Atlantic Bight
(Woods Hole, Ma. - Atlantic City, N.J. -
Cape May, N.J. - Woods Hole, Ma.)

Dates: February 20-27, 1976

Personnel:

Roy Campbell	(Master)
Brad Butman	(U.S.G.S., Chief Scientist)
Rob Pexton	(U.S.G.S.)
Andy Eliason	(Eliason Data Services)

Purpose and Summary:

The objective of the WHITEFOOT cruise was to deploy current meters at two stations as part of NSF shelf dynamics experiment, and to recover two bottom mounted instrument packages deployed for BLM sediment movement studies. The primary recovery scheme failed on the first recovery attempt so that the bottom packages had to be recovered by grappling.

The current meters were deployed and both tripods successfully recovered.

Narrative:

Feb. 21 Depart Woods Hole (0000) to current meter stations NE2, NE2W
Deploy current meters (NE2 0930, NE2W 1700)

Feb. 22 On station tripod DEBBIE. Too rough to recover (seas 10',
SW wind 30-40 mph) Arrive Atlantic City to await better
weather conditions (1100)

Feb. 23 Atlantic City, N.J.

Feb. 24 Depart Atlantic City (0000)
Commence grappling operations for tripod CINDY (0600)
Trawl winch, transducer mount, and grappling hook problems.
Seas too rough to recover gear.

Brad Butman - Narrative

Depart DEBBIE site (1400); arrive Cape May, N.J. (2200)

Feb. 25 Cape May shipyard. Repair winch, rebuild grappling hooks.

Underway to DEBBIE 2200

Feb. 26 Commence dragging 0730; tripod on board 0900. Underway to CINDY. Commence dragging 1500; tripod on board 2100. Underway to Woods Hole.

Feb. 27 Arrive Woods Hole 1500

Offload

Tabulated Information:

a. Number of days at sea	7
b. Number of working days	5
c. Total ship track	680 nm
d. km of continuous data	N/A
e. Number of stations	N/A
f. Number of sample type	N/A
g. Instrumentation deployed (3 current meters)	2 moorings
h. Instrumentation recovered	2 tripods